

DENVER

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Toponas, Colorado. FBI Laboratory advised residues on airplane parts could have originated from DuPont Dynamite, and not from Gold Medal Ajax #2 Dynamite. Judge EDWARD J. KEATING, District Court, City and County of Denver, State of Colorado, appointed three Denver attorneys, [redacted] and [redacted] to represent GRAHAM at state expense. GRAHAM arraigned Denver District court, 12/9/55, entered plea of innocent and innocent by reason of insanity; sent to Colorado Psychopathic Hospital for 30-day's observation. Court appointed two psychiatrists to examine GRAHAM. Findings of psychiatrists to be delivered to court of Judge JOSEPH M. McDONALD, who will preside in GRAHAM trial, on 1/12/56, at which time date will be set for GRAHAM'S sanity trial.

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this report indicates that these ten specimens were associated with the explosion in this case.

Specimen Q120, a fragment of a carbon rod, measured one inch in diameter and was found to contain heavy deposits of manganese dioxide on its external surfaces. The carbon rod in a dry cell of the known battery, Q142, measures one inch in diameter and is, of course, surrounded by manganese dioxide.

During the examination of the airplane parts recovered from the scene of the crash, several specimens possessing very dark gray deposits were selected for the detailed study of the manganese content in the deposits. Specimens Q17, Q27 and Q31 were examined and found to contain relatively heavy deposits of manganese dioxide which probably originated from the battery mixture in a dry cell battery.

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Examination Of Blasting Cap Wires

The three known samples of electric blasting cap wires, specimens Q144, Q145 and Q146, sold by the Illinois Powder Company and the two wires, Q143, found in JACK GRAHAM'S shirt pocket are all number 22 standard wire gauge tin coated copper with a polyvinyl chloride plastic insulation containing lead chromate as a yellow pigment. The Q143 wires from GRAHAM'S shirt pocket are similar in all examinable characteristics to the three known samples sold by the Illinois Powder Company. The four ends of the two wires in Q143 do not contain toolmarks suitable for comparison purposes with any type of cutting tool. The two wires from GRAHAM'S shirt picket measure 3' 3 9/16" and 3' 3 3/4". It was not possible to determine the age of the two wires in Q143.

By communication dated December 8, 1955, two sticks of dynamite, one stick of Gelex #2, 45% volume strength, DuPont dynamite, obtained from [redacted] Kremmling, Colorado; and one stick of Gold Medal dynamite, 45%, Ajax #2, taken from the box of dynamite found on the DAISIE E. KING ranch near Toponas, Colorado, by SA [redacted] [redacted], were sent to the FBI Laboratory for examination.

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The FBI Laboratory by communication dated December 27, 1955, advised the stick of DuPont dynamite, specimen Q152, was found to contain sodium nitrite and sulphur, in addition to a high explosive. The stick of Ajax dynamite, specimen Q153, was found to contain sodium nitrite in addition to a high explosive. No sulphur was found in specimen Q153. Based upon the analysis of these two sticks of dynamite it is concluded that the residues which were found on the airplane parts could not have originated from a dynamite such as specimen Q153. These residues could have originated from a dynamite such as specimen Q152.

The FBI Laboratory advised that it is not possible to associate a number of the fragments and pieces of metal forwarded to the Laboratory with any of the metal or pieces of a 9024 Mark-time timer or any other timing device. However, these items are being retained by the Laboratory for possible comparison with other evidence which may be submitted to the Laboratory in the near future. b6 b7C

By communication dated December 20, 1955, the FBI Laboratory advised that no latent fingerprints could be located on the following items which were forwarded to the Laboratory on December 8 by SA [REDACTED]

- (1) Two antique powder horns.
- (2) One pair ladies' gloves enclosed in plastic bag.
- (3) One pair ladies' hose enclosed in cellophane wrapper.
- (4) One plastic ladies' stocking kit with numerous contents.

All of this material was found in a dresser drawer in a bedroom occupied by the late DAISIE E. KING prior to November 1, 1955. These articles were first found by Mrs. KING'S [REDACTED] about November 4, 1955.

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VIII. SEARCHES

On November 22, 1955, [REDACTED]

[REDACTED] Toponas, Colorado, and SA [REDACTED]

[REDACTED] hiked to the ranch of DAISIE E. KING and conducted a search of the buildings there.

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SA [REDACTED] located a 50 pound box of Gold Medal Ajax number 2 dynamite 45 per cent, EZ-Load, one and one-eighth inches by eight inches, bearing the date stamp of October 3 or 5, 1955. The box of dynamite was sitting on the east end of the seat in an old outhouse located to the rear of an old log cabin which was located approximately 100 feet from the schoolhouse on the KING ranch.

[REDACTED] ent of a search warrant, and Sheriff RITTER obtained the box of dynamite and took it to the store in Toponas, Colorado, where it was counted and weighed. The box contained 146 sticks with a net weight of 49 pounds 4 ounces.

On December 21, 1955, [REDACTED] for the Estate of DAISIE E. KING, was contacted by Under-[REDACTED] and SA [REDACTED] stated it was permissible for the [REDACTED] and SA [REDACTED] to search the buildings on the property of DAISIE E. KING, including the old schoolhouse building.

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[REDACTED] in the presence of [REDACTED] and SA [REDACTED] telephonically contacted [REDACTED] or the Estate of DAISIE E. KING, who advised that it was all right with him for a search to be conducted of the DAISIE E. KING property. [REDACTED] advised that the two officers could obtain the keys to the ranch in his office desk. The keys to the KING ranch were obtained from [REDACTED] desk by [REDACTED]

On December 21, 1955, [REDACTED]

[REDACTED] and SA [REDACTED] conducted a search of the ranch house of DAISIE E. KING and of all the other buildings on the property. Particular attention was directed to the vestibule of the old schoolhouse building. No timing device or any other articles of evidentiary value were observed or obtained.

B. DYNAMITE

On November 22, 1955, SA [redacted] accompanied by [redacted] Routt County, Colorado, entered the EARL KING farm which is located seven miles west of Toponas, Colorado, and 50 miles south of Steamboat Springs, Colorado. A Waiver of Search had previously been obtained from JACK GILBERT GRAHAM on November 13, 1955, including permission to inspect the farm buildings on this ranch. While checking an outhouse located on the old homestead ranch, SA [redacted] and [redacted] located a wooden box, new in appearance, upon which was stamped "50 pounds Gold Medal Dynamite, 45% mark-up load, Ajax #2, 1 1/8 by 8 inches". The box was stamped October 3 (or October 5 - number is not clear), 1955. While the box gave no indication of having been opened, the contents rattled slightly.

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On November 23, 1955, SA [redacted] advised that Sheriff A. B. RITTER and [redacted] (14th Judicial District - Colorado) were obtaining a search warrant and would pick up the above mentioned dynamite from the KING ranch. Sheriff RITTER with [redacted] located the above mentioned box of Illinois Powder Company dynamite - "Gold Medal" brand dated October 3, 1955, and on November 25 [redacted] delivered this box of dynamite to [redacted] Identification Division, Denver Police Department, at the direction of District Attorney BERT KEATING. This box was found to contain 146 sticks of dynamite weighing 49.4 pounds net.

[redacted] advised SA [redacted] on November 23, 1955, that DAISIE E. KING furnished him with a key to the ranch buildings in order that he might take care of the ranch until her return from Alaska. [redacted] stated that about November 3, 1955, he boarded up the windows of the cabin, but did not go in the old outhouse.

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In reference to the formerly reported information concerning sale of dynamite to GRAHAM by [redacted] of Kremmling, Colorado, [redacted] has advised SA [redacted] that he is unable to pinpoint the hour, day, or week in October that he sold the dynamite to GRAHAM. He stated the only thing he was positive of was that he had not sold it on October 23, 24, or 25, as [redacted] was out of town on those

days: however, it could have been any other day in October. [redacted] on November 25, 1955, advised that a [redacted] was in the store when the dynamite was sold to JACK GILBERT GRAHAM and could assist in defining the date of the sale, and that [redacted] is believed to reside at [redacted]

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On November 28, 1955, [redacted] advised SA [redacted] that during the week of October 24-29, 1955, he had been employed at BROWN'S General Store, Kremmling, Colorado, and was requested by [redacted] to get a couple cases of 50% "ditching powder" (this refers to 50% dynamite compared with a lower percentage of explosive as used in making the above-mentioned 45% Ajax #2 referred to above.) [redacted] stated that at this time he noticed a young man talking to [redacted] whom he described as about 25 years old, 5' 7-8", wearing light blue or gray sport coat. He stated that he obtained the two cases of dynamite from the powder magazine and placed the cases at the rear of the store and went home. He was unable to give a more complete description of this aforementioned individual, nor could he identify a photograph of JACK GILBERT GRAHAM. He further stated that his recollection as to the exact week in October was tentative and could not be confirmed by him. He returned to work at Kremmling on or about the 15th of December, 1955.

In regard to the dynamite manufactured by the Illinois Powder Manufacturing Company, [redacted] Illinois Powder Company, Denver, Colorado, was contacted by SA [redacted] on November 23, 1955. [redacted] furnished the names of retailers and large users of dynamite purchased from his company. Investigation relative to the sale of Illinois dynamite will be described later, however, special interest was paid to the particular shipment of dynamite marked October 3, 1955, and companies which purchased this particular lot were questioned carefully concerning the sale of this powder and no information has been developed to date to identify the above-mentioned box located by SA [redacted]

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[redacted] indicated that a box of Ajax #2 dynamite weighs 50 pounds and contains on the average of 151 sticks, however, the number of sticks varies slightly.

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[redacted] advised that he would assist the FBI in every way possible and in his sales contacts should he obtain information concerning the sale of the above-mentioned dynamite or any other relevant information, he would notify the Denver Office FBI.

It should be pointed out that known samples of Illinois Powder Company electric blasting cap wires have been compared with wires obtained from subject GRAHAM'S shirt pocket and all samples have been described by the FBI Laboratory as #22 gage standard wire, tin coated copper with polyvinyl chloride plastic insulation containing a lead chromate as yellow pigment and that GRAHAM'S wires were similar in all respects to the known samples of the Illinois Powder Company product. Examination for tool marks on the wire ends was made and no pertinent information was developed. It was further pointed out that the wires from subject GRAHAM'S pocket were not similar to known samples of DuPont #6 electric cap wires obtained from [redacted] Kremmling, Colorado. This information was furnished by communication dated November 29, 1955.

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Investigation of the sale of dynamite and particularly efforts to identify the purchasers of small amounts (two cases or under) are continuing. Equal attention is necessarily being paid to the sources of electric blasting caps and connecting wires. It has been pointed out that in the Colorado area there are four manufacturers and distributors, to wit, the DuPont de Nemours Company, the Illinois Powder Manufacturing Company, the Hercules Powder Company, and the Atlas Powder Company. It is believed that all of the retailers of dynamite and electric caps have been ascertained through the assistance of the above companies. These retailers have been contacted in the Denver area and additional contacts with more remote mining regions are still being made. It has been developed, according to [redacted] DuPont de Nemours Company, that the yearly sales of all the dynamite manufacturers in the state of Colorado exceeds nine million pounds, and that his company alone at their Louviers Plant (near Denver) is capable of producing over one million pounds per month, and supplies several nearby states.

This dynamite is sold in carload lots (20,000 pounds per carload) to large mining companies and in case lots to small hardware stores, lumber companies, and mining

camp distributors. It has been developed that while records are maintained by the dynamite manufacturing companies retailers are not required, with the exception of the community of Golden, Colorado (a Denver suburb), to maintain a record of the individual purchasers.

Dynamite is purchased by individuals throughout the state of Colorado in amounts of one stick to several cases for the purpose of uranium prospecting, stump clearing, ditching, and other miscellaneous uses. A large percentage of the sales are made for cash and to a number of uranium prospectors which makes the sale of dynamite to strangers no matter of particular concern to any of the retailers interviewed. It has been pointed out by [redacted] of Evergreen, Colorado, that road construction jobs and local miners frequently stack cases of dynamite in the open and that most prospectors and construction men keep very careless accounts of their use and supply. He stated that many would not likely notice the theft of 5 to 25 sticks of dynamite. While the sale of electric caps is much more limited, only in Golden, Colorado, do they maintain a record of the buyer and according to [redacted] of the Illinois Powder Company, 11,631 of his particular brand - Gold Medal - electric caps were sold in the month of September, 1955, and in October, 1955, 10,437 Gold Medal electric caps were sold.

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[redacted] advised that concerning the sale of Illinois Powder his company sold during the month of October about 1,000 pounds of dynamite in the Denver area alone, and further that any of the large purchasers of Illinois dynamite buy directly from the Utah manufacturing plants. These large purchasers of dynamite have been and are still being checked concerning any known loss or resale of stick dynamite.

During interviews with the retail dealers for the purpose of checking out the sale of small amounts of dynamite, in no instance has any indication of lack of cooperation been noted. Every dealer has indicated his complete willingness to assist in this investigation, but in each case it has been explained that the cash sales could not be recalled and that only a small percentage of the retail sale of dynamite was made to regular customers, except for the large companies referred to above.

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In the description of the above-mentioned problem regarding the sale of small amounts of dynamite, the following information was furnished on December 19, 1955, by [redacted] and [redacted] Florence Hardware Company, Florence, Colorado, to SA [redacted] and [redacted] were unable to identify a photograph of the subject as being that of any person who had ever purchased Hercules dynamite or electric caps at their store. [redacted] further pointed out that, except during World War II, they never maintained any type of record or log as to purchasers of blasting caps and dynamite. During the last year the company has sold over two freight cars of dynamite, principally to local mining contacts in rather large quantities, but nevertheless due to the local uranium activities has sold numerous small amounts of blasting caps and dynamite on a "cash over-the-counter basis" to various unknown persons on a nonrestricted basis, except to juveniles. He stated that he would be presently unable to identify such purchasers by name and in any instance by descriptions.

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The FBI Laboratory has been furnished scraps of wreckage and debris removed from the crash scene for comparison with dynamite samples previously furnished including samples of the DuPont product sold by [redacted] Kremmling, Colorado, and the Illinois dynamite (Ajax #2) located at the EARL KING ranch.

In particular reference to the sale of Illinois dynamite dated October 3, 1955, every known outlet has been contacted and [redacted] Craig and McCoy Company, Boulder, Colorado, has advised SA [redacted] that a large portion of the shipment of the Illinois Powder stamped October 3, 1955, which his company obtained was sold to a miner, [redacted] but that much of this dynamite was sold in case lots and he maintains no record of the purchasers. He stated that all of the retailers of dynamite have stated that they have seen numerous pictures of the subject, JACK GILBERT GRAHAM in the newspapers and that they certainly would have furnished information to the FBI office had they identified GRAHAM as one of the purchasers of dynamite in their store.

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[redacted] advised on November 28, 1955, that he is a uranium miner and that he has used his entire stock

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of October 3 dynamite and has had no loss, theft, nor has he resold any of this product. He was also acquainted with newspaper photographs of the subject.

The FBI Laboratory confirmed on December 7, 1955, the above-mentioned comparison of the wires found in JACK GRAHAM'S shirt pocket and the known samples of Illinois Powder Company electric caps and wires, and further advised that no pieces of dynamite wrapper have been identified from material furnished from the crash scene and no wires similar to the dynamite cap wire referred to above were contained in the material furnished from the November 1, 1955 airline crash.

[redacted] of the DuPont Company, furnished a list of DuPont and competitive explosives retailers. This includes the names and locations of 52 Colorado companies along with a list of numerous retailers in surrounding states.

On November 22, 1955, [redacted] Brown Brothers Super Sav-R, Kremmling, Colorado, advised SA [redacted] that she positively recalls that she was sitting at her desk at the rear of the store and a man came up and asked about purchasing dynamite. [redacted] stated she does not personally handle any sales of dynamite and recalls calling [redacted] to wait on the man.

[redacted] stated she paid absolutely no attention to this customer and the only thing she recalls about him is that he was a stranger to her. She stated she does not know whether he was a young or an old man, nor how he was dressed. She stated she does not recall whether she was working on the payroll or regular statements and does not know whether it was on a Saturday night or a week night.

[redacted] was unable to establish just how long ago the transaction had taken place, all she could say was that it was "quite a while ago."

On December 6, 1955, [redacted] Kremmling, Colorado, was interviewed by ASAC ROY K. MOORE, and SA [redacted] [redacted] at Denver, Colorado.

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[redacted] stated that he had made every attempt to find a way to verify that it was on Saturday, October 29, 1955, that he sold 25 sticks of DuPont dynamite and two electric dynamite caps to subject, without success. He stated that he had run through all of his charge tickets and other store records and had talked to various persons whom he thought were in the store on the same day that GRAHAM purchased the dynamite. He stated that he still believes that he sold the dynamite to GRAHAM between 6:30 and 7:00 P. M., October 29, 1955, as this was the date that his partner was killed in an airplane crash in Craig, Colorado, and as he recalls he was notified of his partner's death shortly after having sold the dynamite to GRAHAM.

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In regard to information furnished by [redacted] [redacted] employee in BROWN'S store, that during the week of October 24-29, 1955, [redacted] had requested him to get a couple of cases of 50% "ditching powder," [redacted] informed that he recalls this case where he asked [redacted] to go to the magazine and get two cases of "ditching powder," but that this was not the occasion on which he sold GRAHAM the dynamite.

[redacted] stated that he handles batteries similar to the type subject used in the dynamite bomb, however he did not sell the battery to GRAHAM and the other clerks in the store do not recall having sold the battery to him either.

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[redacted] concluded that the Eveready 6-volt, Hot Shot batteries in his store sell for \$4.65 which is stamped on the battery with a rubber stamp which contains a reddish color ink, the figures being about one-fourth inch high.

FEDERAL BUREAU OF INVESTIGATION

FORM No. 1
THIS CASE ORIGINATED AT

DENVER

REPORT MADE AT DENVER	DATE WHEN MADE 1/6/56	PERIOD FOR WHICH MADE 11/22-1/5/56	REPORT MADE BY cr r jv msf
TITLE JACK GILBERT GRAHAM, was.			CHARACTER OF CASE SABOTAGE

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SYNOPSIS OF FACTS:

The area over which UAL DC-6B airplane exploded and crashed on 11/1/55 researched by FBI, UAL and U. S. Air Force personnel, and with electro-magnet equipped truck. Electro-magnet equipped truck used to examine wreckage and debris of UAL DC-6B airplane in UAL warehouse, Denver. Pieces and fragments of metal obtained, furnished to FBI laboratory.

[redacted] Brown Brothers Super Sav-R Store, Kremmling, Colorado, unable to definitely establish date he sold dynamite and electric dynamite caps to GRAHAM. Battery source as yet not determined. Manufacturers and trade associations familiar with timing devices unable to determine manufacturer of 90-minute timer, similar to one GRAHAM claims to have used in bomb. FBI Laboratory examination reflects residues found on airplane parts are similar to those resulting from a dynamite explosion; pieces of metal and carbon found in wreckage and debris identified as being parts of 6-volt Eveready Hot Shot Battery; wires found in subject GRAHAM'S pocket are similar in all examinable characteristics to wires on electric blasting caps manufactured by Illinois Powder Company. Box of Gold Medal Dynamite 45% Ajax #2, containing 146 sticks found on DAISIE E. KING'S ranch near

ALL INFORMATION CONTAINED

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DATE 2/16/04 BY [redacted]

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Date: 1/13/56

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Mr. Nichols	_____
Mr. Boardman	_____
Mr. Belmont	_____
Mr. Mason	_____
Mr. Mohr	_____
Mr. Parsons	_____
Mr. Rosen	_____
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JACK GILBERT GRAHAM, was.
SABOTAGE

[redacted] Sav-R General Merchandising Store, Kremmling, Colorado, advised that he is now of the opinion that it was between the hours of 6:30 and 7:00 P.M. on October 22, 1955, that he sold twenty-five sticks of dynamite and two electric blasting caps to subject JACK GILBERT GRAHAM. [redacted] informed that he has been unable to locate any other persons who observed the subject in the store at that time and cannot locate any documentary evidence to confirm this date, but he has given it considerable thought and now believes that this date is correct.

Investigation is being continued in the Kremmling area to locate person or persons who may have seen subject there on October 22, 1955.

Investigation is being conducted in Denver area to locate person having knowledge of subject making trip to Kremmling area on October 22, 1955.

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BURKE

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EX-125

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DATE 2/18/04 BY 60290/BCE/HG
KBR

Mr. Belmont

CC: MR. BELMONT
AND SUPERVISOR
DOM. INTEL. DIVISION

RECORDED-85

JAN 16 1956

JAN 24 1956

Approved: _____
Special Agent in Charge

Sent _____ M Per _____